

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kazuo KOBAYASHI et al.
Title: METHYLOTROPHIC YEAST PRODUCING MAMMALIAN TYPE SUGAR CHAIN
(As Amended)
Int'l Appln. No: PCT/JP03/05464
Int'l Appln. Filing Date: April 28, 2003
U.S. Serial No. 10/511,436
Examiner: Unassigned
Art Unit: Unassigned

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of the documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

The submission of the documents herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the filing date of the application.

RELEVANCE OF EACH DOCUMENT

The documents being cited in the attached PTO/SB/08 was cited as being relevant during the prosecution of the corresponding international application. A copy of the International Search Report is attached setting forth the portion of these documents considered relevant by the examiner. A copy of the documents cited in the Search Report is not being submitted herewith.

Applicants respectfully request that the listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date 15 August 2005

By S. A. Bent

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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: August 16, 2005

(use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number	10/511,436
Filing Date	Unassigned
First Named Inventor	Kazuo KOBAYASHI
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	081356-0224

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A10	International Search Report of PCT/JP03/05464.	
	A11	Yasuyoshi SAKAI et al., "The Orotidine-5'-Phosphate Decarboxylase Gene (URA3) of a Methylophilic Yeast, <i>Candida boidinii</i> : Nucleotide Sequence and Its Expression in <i>Escherichia coli</i> ", <i>Journal of Fermentation and Bioengineering</i> , 1992, Vol. 73 (4), pgs. 255-260.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: August 16, 2005 <i>(use as many sheets as necessary)</i>		Application Number	10/511,436
		Filing Date	Unassigned
		First Named Inventor	Kazuo KOBAYASHI
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
Sheet	2	of	2
		Attorney Docket Number	081356-0224

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A12	Vina W. YANG et al., "High-efficiency Transformation of Pichia stipitis Based on Its URA 3 Gene and a Homologous Autonomous Replication Sequence, ARS2", Applied and Environmental Microbiology, 1994, Vol. 60(12), pp. 4245-4254.	
	A13	Yoshiaki NISHIYA et al., "Primary Structure of ADE1 Gene from Candida utilis", Bioscience Biotechnology and Biochemistry, 1994, Vol. 58(1), pp. 208-210.	
	A14	Immaculada C. CASANO et al., "Cloning and Sequence Analysis of the Pichia pastoris TRP1, IPP1 and HIS 3 Genes", Yeast, 1998, Vol. 14, pp. 861-867.	
	A15	Yasuyoshi SAKAI et al., "Directed Mutagenesis in an Asporogenous Methylophilic Yeast: Cloning, Sequencing and One-Stop Gene Disruption of the 3-Isopropylmalate Dehydrogenase Gene (LEU2) of Candida boidinii to Develop Doubly Auxotrophic Marker Strains", Journal of Bacteriology, 1992, Vol. 174(18), pp. 5988-5993.	
	A16	Xing-Pei ZHANG et al., "LEU2 Gene Homolog in Kluyveromyces Lactis", Yeast 1992, Vol. 8, pp. 801-804.	
	A17	Anahit V. AZARYAN et al., "Purification and Characterization of a Paires Basic Residue-specific Yeast Aspartic Protease Encoded by the YAP3 Gene", The Journal of Biological Chemistry, 1993, Vol. 268(16), pp. 11968-11975.	
	A18	Hiroto KOMANO et al., "Shared functions in vivo of a glycosyl-phosphatidylinositol-linked aspartyl protease, Mkc7, and the proprotein processing protease Kex2 in yeast", Proc. Natl. Acad. Sci. USA, 1995, Vol. 92, pp. 10752-10756.	
	A19	Ed. T. BUURMAN et al., "Molecular analysis of CaMntlp, a mannosyl transferase important for adhesion and virulence of Candida albicans", PROC. Natl. Sci. USA, 1998, Vol. 95, pp. 7670-7675.	
	A20	A.M. Ledeboer et al., "Molecular cloning and characterization of a gene coding for methanol oxidase in Hansenula Polymorpha", Nucleic Acids Res. 1985, Vol. 13(9), pp. 3063-3082.	
	A21	Yuzo YAMADA et al., "The Phylogenetic Relationships of Methanol-assimilating Yeasts Based on the Partial Sequences of 18S and 25S Ribosomal RNAs: The Proposal of Komagataella Gen. November (Saccaromycetaceae)", Vol. 59(3), pp. 439-444.	

Examiner
SignatureDate
Considered

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